



# भारत का राजपत्र The Gazette of India

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NEW DELHI, SATURDAY, SEPTEMBER 9, 1967 (BHADRA 18, 1889)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके  
Separate paging is given to this Part in order that it may be filed as a separate compilation

## भाग III—खण्ड 2

### PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

#### THE PATENT OFFICE Patents and Designs

Calcutta, the 9th September 1967

#### CORRIGENDUM

In the Gazette of India, Part III, Section 2, dated the 12th August 1967.

In page 364, Column 2 under the heading "Renewal Fees Paid." For No. "55304" read No. "55305."

#### Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

19th August 1967

112019. Ciba Limited. Process for the manufacture of new pyrazino [1, 2-a] quinolines. [Divisional date 23rd February 1967].
112020. Ciba Limited. Process for the manufacture of new pyrazino [1, 2-a] quinolines. [Divisional date 19th October 1966].
112021. Ciba Limited. Process for the manufacture of new pyrazino [1, 2-a] quinolines. [Divisional date 19th October 1966].
112022. Ciba Limited. Process for the manufacture of new pyrazino [1, 2-a] quinolines. [Divisional date 23rd February 1967].
112023. Ciba Limited. Process for the manufacture of new pyrazino [1, 2-a] quinolines. [Divisional date 19th October 1966].
112024. Ciba Limited. Process for the manufacture of new pyrazino [1, 2-a] quinolines. [Divisional date 23rd February 1967].
112025. Ciba Limited. Process for the selective saturation of double bonds in steroids.

112026. Sandoz Ltd. Anthraquinone dyes, their production and use.
112027. Corning Glass Works. Refractory casting. [Addition to No. 101436].
112028. M & T Chemicals Inc. Novel plating process.
112029. M & T Chemicals Inc. Novel process.
112030. Farbenfabriken Bayer Aktiengesellschaft. Brightening agents. (18th January 1967).
112031. Arun Bose. Improvements in or relating to self-locking stay mechanism for windows or like.
112032. Arun Bose. Improvements in or relating to furniture, partitions, floor-tiles, flocks or like light structural fabrication.
112033. Arun Bose. Improvements in or relating to button-like fasteners.
112034. Arun Bose. Improvements in or relating to nail-like fasteners, pins or like.
112035. Council of Scientific and Industrial Research. Improvements in or relating to the production of conducting ink or silver paint. [Divisional date 25th November 1965].

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112036. Council of Scientific and Industrial Research. Improved surface coating materials from cashewnut shell liquid.
112037. Council of Scientific and Industrial Research. The construction of a rotating cantilever type fatigue testing machine.
112038. S. Hussain. Improvements in or relating to push cocks or push taps for water and other fluids.
112039. Mr. M. N. Hoskote & Mr. B. M. Hoskote. Ready-mix-all-in-one coffee powder, granules and tablets and malt.

112040. N. A. C. Bhanu and K. S. P. M. Pillai. Relating to a general process of effecting splitting, by physical methods, of certain types of compound mineral ores, rocks, vein stones, clays, and soils into simpler constituent chemical compounds, leading to separation and beneficiation of the minerals concerned.
112041. N. A. C. Bhanu and K. S. P. M. Pillai. Beneficiation of the mineral ilmenite leading to a product called "Brown Ilmenite" or concentrated ilmenite having a much higher titanium content than the original ilmenite.
112042. Westinghouse Electric Corporation. A stacking module for flat packaged electrical devices.
112043. Murex Welding Processes Limited. Improvements in arc welding. (31st October 1966).
112044. J. R. Geigy A. G. Polymers of N-perfluoroalkanoylamino- and N-perfluoroalkanoylaminoalkyl acrylamides and methacrylamides.
112045. May & Baker Limited. Process for the preparation of semicarbozone and thiosemicarbozone quaternary and pharmaceutical compositions containing them. (23rd August 1966).
112046. Ole-Bendt Rasmussen. Method of manufacturing fibrous products from films or filaments. (24th August 1966).
112047. Universal Oil Products Company. Process for the production of gasoline.
112048. George C. Graham. Vacuum operated pump.
112049. Imperial Metal Industries (Kynoch) Limited. Improvements in or relating to methods and apparatus for reducing the thickness of metal.
112050. Armour Agricultural Chemical Company (a Delaware Corporation). Production of mixed fertilizers.
112051. Sun Oil Company. Improved hydrogenation of lube oils.
112052. American Cyanamid Company. Malathion manufacture.
112053. American Cyanamid Company. Fertilizer composition.
112054. American Cyanamid Company. Water soluble sulfonamide and tetracycline acid salt compositions.
112055. Kobe Steel, Ltd. Process for the production of medium-and low-carbon ferroalloys.
112056. Libbey-Owens-Ford Glass Company. Method of treating glass sheets.
112057. Libbey-Owens-Ford Glass Company. Method and apparatus for controlling glass temperatures.
112058. Institut Elementoorganicheskikh Soedineniy. Installation for producing protein synthetic granular caviar.
112059. V. I. Nagarkar. A device for making confectionary. [Addition to No. 74314].
112060. Merck & Co., Inc. A method for the preparation of methylene substituted acids.
112061. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Sulfur vulcanizable copolymers of ethylene, propylene and 5-ethylidene-2-norbornene and process for preparing them.
112062. D. Parma. System for post-stressing concrete slabs, beams or other structures.
112063. National Distillers and Chemical Corporation. Improved vinylation process.
112064. Aktiebolaget Tudor. Microporous plastic member such as a battery separator and process for making same.
112065. Ciba Limited. Process for the manufacture of thiazole compounds.
- 22nd August 1967
112066. Jiban Gopal Ghosal. An improved div gas holder.
112067. Pullman Incorporated. Process for making ammonia and urea.
112068. Mahle Komm.-Ges. Light metal pistons.
112069. Ministerul Industrial Chimice. Process for the diazotisation of 3-amino-1, 2, 4-triazole.
112070. E. Merck Aktiengesellschaft. Nitroimidazoles and preparation thereof.
112071. Parks-Cramer Company. Crane mounted loom cleaner with synchronized oscillation.
112072. Skoda, Oborovy Podnik. Improvements in or relating to cigarette making machines.
112073. Tos Kurim, narodni podnik. Improvements in and relating to milling cutter heads. [Divisional date 25th May 1966].
112074. Carrier Corporation. Nozzle constructions.
112075. Pachiney-Compagnie De Produits Chimiques Et Electrometallurgiques. The application at very low temperatures of aluminium-zinc-magnesium alloys modified by the addition of a nucleant.
112076. Imperial Chemical Industries Limited. Pontoons. (7th September 1966).
112077. Metallurgical Processes Limited and Imperial Smelting Corporation (N.S.C.) Limited. Improvements in or relating to zinc blast furnace. (1st September 1966).
112078. American Home Products Corporation. Process for the preparation of benzodiazepine compounds and pharmaceutical compositions containing same. [Divisional date 28th March 1962].
112079. American Home Products Corporation. Process for the preparation of benzodiazepine compounds and pharmaceutical compositions containing same. [Divisional date 28th March 1962].
112080. N. V. Philips Gloeilampenfabrieken. Method of manufacturing binder-containing permanent magnets on a ferrite basis.
112081. N. V. Philips Gloeilampenfabrieken. System for the transmission of signals and transmitters and receivers for use in said system.
112082. Ciba Limited. Water-insoluble styryl dyestuffs and processes for their manufacture and use.
112083. Ciba Limited. Process for the manufacture of peptide-esters having ecth-activity.
112084. E. B. Small. Improvements in or relating to precast concrete building slabs or panels.
112085. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Pharmaceutical composition and process for the manufacture thereof.
112086. Bethlehem Steel Corporation. Parallel wire strand.
112087. Mitsubishi Rayon Co., Ltd. Polynosic fibres and process for producing the same.
112088. Toyo Katsui Industries, Incorporated. Urea synthesizing method.
112089. Palitex Project-Company G.m.b.H. Balloon limiting device for two-for one twisting machines. 23rd August 1967
112090. Texaco Development Corporation. Process for the partial combustion of gaseous or liquid hydrocarbons.
112091. Sumitomo Chemical Company, Ltd. Novel cyclopropanecarboxylic acid esters.
112092. Sumitomo Chemical Company, Ltd. Cyclopropanecarboxylic acid esters.
112093. Vsesojuzny Nauchno-Issledovatel'sky Institut Mineralnogo Syria. A device for X-ray radiometric estimation of chemical elements.

112094. Vacu-Lug Traction Tyres Limited. Improvements in or relating to tyre lugs. (2nd September 1966).
112095. Birfield Engineering Limited. Controller for pneumatically-operated hoists. (4th July 1967).
112096. Farbenfabriken Bayer Aktiengesellschaft. Process for inhibiting corrosion on metal surfaces and corrosion protection preparation usable therefor.
112097. Astra Nutrition AB. Apparatus and method for continuous extraction of fats from organic matter.
112098. J. R. Geigy A. G. Process for the production of a new oxazine derivative and pharmaceutical preparations containing them.
112099. J. R. Geigy A. G. Process for the production of new N'-substituted N-arylsulphonyl ureas.
112100. A. R. Wilfley and Sons, Inc. Centrifugal pump and sealing means therefor.
112101. Kamala Chatterjee and Dipok Chakraborti. Cici scope.
112102. Prof. S. K. Bose and Asok Chatterjee. Process for utilizing submerged combustion in heating petroleum or mineral oils.
112103. N. A. Chandrabhanu and K. S. P. M. Pillai. A quick method of retting of coconut husk viz. exocarp of the fruit from the tree "Cocos Nucifera".  
25th August 1967
112104. Council of Scientific and Industrial Research. Is : specification slide for refractories.
112105. Council of Scientific and Industrial Research. A process for removing and or recovering alumina and/or silica from carbonaceous or non-carbonaceous materials.
112106. Council of Scientific and Industrial Research. Improvements in or relating to electro-plating of chromium from aqueous electrolytes.
112107. K. Narayan. Improvements in or relating to vacuum brake apparatus of railway trains.
112108. D. G. Jambotkar. Milk heating pot with a whistling device.
112109. Uniroyal, Inc. Moulding compositions.
112110. Rohm and Haas Company. Weedicidal compositions.
112111. Caterpillar Tractor Co. Track pin assembly and bushing.
112112. Dorr-Oliver Incorporated. Screening centrifuges.
112113. Vostochny Geofizicheskyy Trest. Device for divergent logging of bore-holes.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patents Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8 Hastings Street, Calcutta, in the due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

102354. Machinery Manufacturers Corporation Ltd. Electronic stop motion device. Accepted on 2nd August 1967.  
*Comprising an input circuit connected to a relay circuit through a rectifier, an exciter circuit including a sensor and a control circuit.*
102479. Vyzkumny ustav matematickych stroju. System for generating selected numbers of pulses. Accepted on 11th August 1967.  
*Includes one shift register country shift register, an incrementing means, an evaluation means.*
102501. Veb Chemische Maschinenbauwerke Rudolfsbaben. Process for the production of formaldehyde. (10th December 1964.) Accepted on 16th August 1967.  
*Comprising simultaneous dhydrogenation and oxidation of methanol with air on silver catalyst in the absence of steam and treatment of the reaction gases for the extraction of a watery formaldehyde therefrom and return of the unconverted methanol to the oxidation step.*
102560. Rank Xerox Limited. Photoresponsive Member and a process for forming an image thereon. Accepted on 17th August 1967.  
*Comprising a sheet consisting of photoconductive insulating fibers woven or felted together with or without non-photoconductive fibers.*
102565. J. Khemani. Novel combs. Accepted on 18th August 1967.  
*Comprising two series or types of teeth, one of which is wavy and the other straight.*
102577. T. J. Smith & Nephew Limited. Improvements in and relating to sheet material in openwork structural form. (20th November 1964). Accepted on 19th August 1967.  
*Comprises subjecting a sheet of thermoplastic material having small depressions to biaxial stretching to cause the sheet to be permanently set in an expanded state.*
102587. E. H. B. Nystroem. Improvements in and relating to method and apparatus for the electrolytic production of chlorine and method of producing chlorinated water. Accepted on 19th August 1967.  
*Electrolysis is carried out at a pressure substantially below atmospheric pressure.*
102588. International Standard Electric Corporation. Telephone queueing system. Accepted on 19th August 1967.  
*Includes means for sending a signal to said queueing arrangement, means responsive to the reception of said signal and means associated with said common equipment.*
102684. Aktiebolaget Bofors. Steering system of track-having vehicles. Accepted on 22nd August 1967.  
*Comprising steering mechanism over riding means provision of a device adapted to reverse the line-tie having a bight portion of at least after steering mechanism when driving reverse steering effect of the vehicle is transmitted to the opposite track.*
102728. Textron Inc. Improvements in or relating to tie guard. Accepted on 19th August 1967.  
*Comprising a support member and a line-tie, the line-tie having a bight portion of at least 360° in surrounding engagements with the support and a pair of ribbon members surrounding the line.*
103072. Alertocall Limited and Lindsay Molyneux. Improvements in or relating to protection systems for use in connection with burglar alarms, fire alarms and the like. Accepted on 22nd August 1967.

- Comprising a conductive loop, an oscillator unit for disposal a signal having a predetermined frequency, a receiver unit.*
103094. Nawab N. A. Khan Maliki. Shaving brush-cum-soap stick kit. Accepted on 21st August 1967.
- Comprising a hollow cylindrical cover, a cylindrical soap stick springably suspended from the top bore of the said cover and a shaving brush removably introduced into the said cover.*
103311. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to semiconductor devices. Accepted on 22nd August 1967.
- Comprising a semiconductor layer, provided with a source and a drain electrode, an insulating layer and means for setting up a bias voltage.*
103429. Standard Telephones and Cables Limited. Voice-frequency push button dialling telephone system. Accepted on 22nd August 1967.
- Includes a plurality of subscriber station each digit signal consists of a d.c. signal, receiving means and evaluating means.*
103443. K. Bharti, Bamboo pipe. Accepted on 21st August 1967.
- Formed by first straightening the bends of bamboo using a device therefor and then making holes therein from one end to the other by a tool.*
103669. General Electric Company. Improvements in or relating to electric projection lamp. Accepted on 25th August 1967.
- Comprising a glass bulb, a main tubular portion, flattened front face portion and closed by a glass stem member, a separate concave reflector a filament, current supply and support member.*
103671. Institut Elektrosvarki Im. E. O. Patona. Electrode wire for welding and building up steels. Accepted on 22nd August 1967.
- Electrode wire provided with a metal coating comprising a mixture of powdered materials, including Ca Co<sub>3</sub>, CaF<sub>2</sub>, TiO<sub>2</sub>, Mn, Si, characterized in that it contains sodium carbonate.*
103779. Chiyoda Kako Kensetsu Kabushiki Kaisha. Method of manufacturing methallyl chloride. Accepted on 5th August 1967.
- Comprises reacting a hydrocarbon mixture of isobutene, and other hydrocarbons having four carbon atoms in the molecule with chlorine in a molar ratio of total butene to chlorine of more than 1.*
103820. Veb Fotochemische Werke Berlin. Method of preparing photographic emulsions. Accepted on 8th August 1967.
- By coagulating silver halide and gelatine decanting rinsing and reprecipitating the coagulum characterised in that water soluble alkaline or alkaline earth salts of copolymers comprising styrene or substituted styrene and maleic acid units and/or terpolymers of styrene maleic anhydride and a third component which improves the reprecipitability are used as coagulating agents.*
103885. Combustion Engineering, Inc. Method of passivating a metal surface. Accepted on 16th August 1967.
- Wherein after the surface has been cleaned from oxide film it is contacted with a passivating solution comprising at least in part hydrogen peroxide and/or hydrazine.*
103889. Redland Tiles Limited. Improvements in or relating to article propelling apparatus. (17th February 1965). Accepted on 16th August 1967.
- Comprising a guideway and means for propelling articles along the guideway, the said means having a rotary member with plurality of pawls, means for limiting the pivotal movement of the pawls and guide means for guiding the pawls.*
103937. Clevite Corporation. Method of making bimetallic bearing material. Accepted on 18th August 1967.
- Cleaning and roughening one face of each aluminium and steel strips and contact these faces and press roll the strips at 200 to 600°F so that aluminium is reduced to 40 to 70% when a bimetallic strip is produced.*
103940. Aktiebolaget Kamyr. Method of bleaching cellulosic pulp in bleaching plants. Accepted on 18th August 1967.
- Characterised in that the consistency and the flow rate of the pulp are maintained at constant values and that change of the consistency of the pulp is performed without consistency measurement essentially by adding liquid or withdrawing such liquid from the pulp.*
103942. Dunlop Rubber Company Limited. Improvements in or relating to the manufacture of cast articles. (6th March 1965). Accepted on 18th August 1967.
- Varying the composition of the casting material fed to the mould to obtain at least the part of an article having physical properties which may vary from one region to another.*
103945. Caterpillar Tractor Co. Tractor track pin bushings. Accepted on 18th August 1967.
- A bushing for the pin of a tractor track or the links, having an oval cross-section.*
103948. Carrier Corporation. Fluid delivery apparatus. Accepted on 18th August 1967.
- Comprising a body member having at least one passage including an inlet and an outlet for the flow of fluid there through, valve means governing flow through the passage, actuating means for regulating the valve means work engaging nozzle means communicating with the passage outlet.*
103952. The Fujikura Cable Works, Limited. Method of producing S-Z alternatively twisted wires and an apparatus therefor. Accepted on 18th August 1967.
- Comprising passing the wire through a twisting set, having two fixed head, two fixed heads, the wires being passed in a bundle through first fixed head, first twist head, second twist head, second fixed head in this order, each time the wires advanced by a storing length.*
103998. Ruti Machinery Works Ltd. Weaving loom. Accepted on 19th August 1967.
- Wherein the weft yarn is drawn by means of a weft inserting means through a braking device disposed between the yarn supply and the picking means.*
104051. Crucible Steel Company of America. Free machining stainless steels. Accepted on 22nd August 1967.
- Machinable stainless steel consisting of chromium 11 to 30%, carbon plus nitrogen up to 1.20%, Molybdenum tungsten plus zirconium up to 60%, silicon 1%, Sulfur 0.18 to 0.50%, Manganese 0.8 to 5%. Nickel up to 3% Copper. Aluminium, titanium balance iron.*
104066. Veb Hochvakuum Dresden. Arrangements for measurement of low pressures. (21st June 1965). Accepted on 23rd August 1967.
- Having a cold cathode ionisation manometer tube with an anode disposed in a tubular cathode and surrounded by a magnet, a high tension source connected to the tube by switch means, a parallel circuit of measuring resistance and preamplifier connected between the tube and high tension source, output of preamplifier connected to anode stage where output is connected to high tension source and to compensating device.*

104087. J. R. Geigy A. G. Process for the production of pure 2- dimethyl- carbamyl- 3-methyl- pyrazolyl- (5)- dimethyl carbamic acid ester. Accepted on 19th August 1967.  
*Reacting 3-methyl-pyrazolone- (5) first with one mol of dimethyl carbamic acid chloride and then with phosgene and dimethylamine.*
104102. Claimcom Patents Limited. Improvements in siphonic means for discharging liquids from vessels. Accepted on 22nd August 1967.  
*Siphonic liquid discharge apparatus in which hydrostatic valve means is provided for priming a double siphon.*
104106. Westland Aircraft Limited. Automatic fluid supply control apparatus. (9th March 1965). Accepted on 22nd August 1967.  
*Comprising a fluid container, a differential pressure transducer to provide a signal, an electrically actuable fluid control valve and an electronic device for supplying a control signal to the said control valve.*
104108. Pilkington Brothers Limited. Improvements in or relating to the manufacture of flat glass. (3rd March 1965). Accepted on 22nd August 1967.  
*Comprising an elongated tank structure containing a bath of molten metal, means for pouring molten glass, thermal regulator at least one electrode, electric current supply circuit, current regulating means.*
104142. Esso Research and Engineering Company. Process for the production of naphthenic and paraffinic lubricating oils. Accepted on 21st August 1967.  
*Characterises in introducing the atmospheric residuum to a treating zone where solvents for the aromatic constituent is admitted at the top and deasphalting solvent at the bottom, removing the deasphalted raffinate to a heart-cut-tower, solvent extracting the paraffinic constituent and with drawing the naphthenic constituent from the bottom.*
104160. Electrolytic Zinc Company of Australasia Limited. Treatment of zinc plant residue. (31st March 1965). Accepted on 22nd August 1967.  
*By a method comprising the steps of leaching the residue (zinc ferrite) in a solution containing excess sulphuric acid, heating the leach solution to hydrolyse ferric iron so that ferric oxide is precipitated and separating the leach solution from the precipitated iron compound.*
104203. Ciba Limited. Pesticidal preparations. Accepted on 22nd August 1967.  
*Comprises as active ingredient a thiourea derivative and a solid or liquid carrier like talcum kaolin water, oil, etc.*
104406. Sonic Development Corporation of America. Improvements in or relating to internal combustion engines. Accepted on 21st August 1967.  
*Pressure-changing means for creating a change in the pressure of a combustion supporting gas means for atomizing and burning a fluid fuel in the combustion area and resonator means positioned adjacent the outlet of the nozzle.*
104418. Shell Internationale Research Maatschappij N. V. Process for the cooling of gases. Accepted on 23rd August 1967.  
*Comprises passing the gas into a cyclone such that the cooling liquid is atomized in the separation zone of the cyclone.*
104423. Fmc Corporation. Method of producing carbon bisulfide. Accepted on 21st August 1967.  
*By the reaction of sulphur with a hydrocarbon gas at a temperature of 450° to 650°C under pressure not exceeding about 175 psig.*
104477. Gosudarstvenny Vsesojuzny Nauchno-Issledovatel'skiy institut stroitelnykh materialov i konstruktiv Vniistrom. Method of fabricating cellular concrete products. Accepted on 25th August 1967.  
*Wherein recourse is had to vibration both at the stage of preparing the mix and at the moulding step.*
104494. J. J. Keyser. Yarn guide mechanism for roving, spinning or twisting. Accepted on 22nd August 1967.  
*Characterised in that an axial aperture is provided for the passage of the yarn, guide means deflecting the yarn in a substantially opposite direction.*
104518. Chiyoda Kako Kensetsu Kabushiki Kaisha. Method for the preparation of epoxy resin condensates. Accepted on 19th August 1967.  
*Reacting epoxide of *n*-chloroisobutene with bisphenol-A.*
104641. Veb Elektrokohle Lichtenberg. Process and device for the manufacture of carbon and graphite moulds. Accepted on 23rd August 1967.  
*Characterised in that an initial mixture, pre-compressed by vibration and therewith evacuated with or without binding agents, is formed at vacuum under shock effect.*
104759. United States Rubber Company. Improvements in stabilized elastomeric terpolymer compositions. Accepted on 22nd August 1967.  
*Comprising 100 parts by weight of an unsaturated elastomeric terpolymer of thylene, propylene and a copolymerisable non conjugated diene from 0.1 to 1 part by weight of a tris (alkyl-phenyl) phosphite.*
105046. International Standard Electric Corporation. Device for manual withdrawing and automatic pulling-in of the handset cord of telephone apparatus into suitable container. Accepted on 23rd August 1967.  
*Comprising a flat type cord, received in a pulley like container, in which a spring means is provided to withdraw the cord in to the pulley like container and a ratched means is provided to hold the container stationary.*
105086. Meehanite Metal Corporation. Foundry melting method. Accepted on 23rd August 1967.  
*Method of purifying molten iron by determining emissivity of slag and rapidly evaluating the iron oxide content of slag from the calibration curve constructed from observed values.*
105147. McDowell-Wellman Engineering Company. Railroad car mover. Accepted on 22nd August 1967.  
*A railroad car mover for selectively engaging and moving a railroad car along a trackway.*
105148. McDowell-Wellman Engineering Company. Railroad car mover. Accepted on 22nd August 1967.  
*A device to mechanically move the railroad cars along the trackway, whereas the moving device itself moves on a parallel track.*
105230. Owens-Illinois, Inc. Method for making pulp-plastic composition and articles formed therefrom. Accepted on 21st August 1967.  
*Comprises adding to an aqueous slurry which comprises a major amount of cellulosic pulp, a hydrolyzable organo-metallic compound and an organic thermoplastic polymer.*
105335. Imperial Chemical Industries Limited. Coulter device. (21st May 1965). Accepted on 21st August 1967.  
*Comprises rotatable slit-forming members whereof one member is disposed to cut a slit in the ground and one or more other members is or are disposed to widen the slit so formed.*

105426. Kaiser Aluminium & Chemical Corporation. A lustrous, richly colored, anodized aluminium article, and process for the manufacture thereof. Accepted on 22nd August 1967.

Comprises anodizing the article in an electrolyte to produce a colorless anodic oxide coating on its surface and subsequently anodizing the article in an electrolyte to produce an integrally colored anodic oxide coating.

105499. Director, Indian Institute of Science, Bangalore-12. A method for the preparation of new cyclopropyl compound preparation of gels therefrom and the compound so obtained. Accepted on 19th August 1967.

Ethyl pinonate is subjected to Baeyer Villiger cleavage followed by alkaline hydrolysis and esterification to get thyl 3-hydroxy-2, 2-dimethyl cyclobutyl acetate whereafter said hydroxy ester is halogenated to obtain 4-halo 3-keto ester, said 4-halo-3-keto ester is then ring contracted.

105538. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for preparing sulfonic acids. Accepted on 19th August 1967.

Reacting straight chain saturated hydro carbons containing 10 to 30 carbon atoms with  $\text{SO}_2$  and oxygen comprises first purifying the hydrocarbon by intimately mixing with  $\text{H}_2$ ,  $\text{SO}_2$  containing  $\text{SO}_2$  and then initiating the reaction by action of high energy ionizing radiation or ultraviolet light or by the addition of O one on peroxy compounds.

105728. Holding Intercito SA. Improvements in or relating to welding flux and process for the production thereof. Accepted on 25th August 1967.

Characterized in that the welding flux is practically an electrically non-conductive granulate having a metallic proportion at least approximately 30% by weight, and is produced by a method characterized in that the agglomeration is effected of a powder mixture practically containing at least 30% by weight of iron in the form of particles of unalloyed iron.

105879. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for dyeing and printing polymerisates and mixed polymerisates of acrylonitrile. Accepted on 22nd August 1967.

Shaped articles such as fibres, foils, threads, strips, flakes, yarns or hosteries consisting of a polyacrylonitrile containing at least 35% of acrylonitrile dyed or printed by known methods.

105932. M. Clacys. Beat-up mechanism for looms. Accepted on 21st August 1967.

Comprising a sley, a plate having a cam slot or groove, and a crank pin carried by the plate to which is attached one end of a connecting rod.

105995. Ciba Limited. New anthraquinone dyestuffs and process for their manufacture. Accepted on 21st August 1967.

Comprising reacting 1-amino-4 [4' amino-2', 3', 5', 6'-tetramethyl phenyl amino]-anthraquinone-2-sulphonic acid with a 2-amino-4, 6-dihalogeno-1, 3, 5-triazine or with a trihalogeno-1, 3, 5-triazine and in the latter case reacting further with an amine containing a group imparting solubility in water.

106044. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to acoustic delay lines. Accepted on 22nd August 1967.

A acoustic delay line employing a delay medium consisting of glass which contains  $\text{SiO}_2$ ,  $\text{PbO}$  and alkali oxides.

106058. The Carbordundum Company. Barrel finishing media. Accepted on 25th August 1967.

And a method of making it, comprising comminuting bauxite, forming a mixture comprising said comminuted bauxite and finely divided fused alumina particles, forming the mixture into bodies, and sintering said bodies at a temperature between  $1400^\circ\text{C}$  and  $1750^\circ\text{C}$ .

106236. Amsted Industries Incorporated. A riser box construction. Accepted on 25th August 1967.

For use with a mold, said riser box construction including a lower section in the riser passage and an upper section external thereto.

106374. A. S. Das & Co., Private Limited. Gripping device for paper and the like. Accepted on 23rd August 1967.

Comprises a base plate over which extends in a substantially semicircular fashion a tapering gripping member with an open sided notch on its front portion and a slidable roller housed in the space in between the said base plate and the gripping member.

106416. Vereinigte Glanzstoff-Fabriken Ag. Process for the production of spin-dyed polyamide filaments. (10th May 1966). Accepted on 21st August 1967.

The polyamide is pigmented before melt spinning by adding a suspension in butyrolactum.

106601. Westinghouse Electric Corporation. Oscilloscope for displaying the cardiac wave of a living subject. Accepted on 19th August 1967.

Comprising a display tube having two pairs of deflection plates, a differential amplifier for receiving and amplifying a cardiac wave connected to one pair of said plates, a control circuit, a feedback circuit between the control circuit and input of the amplifier and a reference wave generator whose output connected to the other pair of said plates.

106784. Imperial Chemical Industries Limited. Manufacture of cellular reinforced articles. (13th September 1965). Accepted on 22nd August 1967.

Comprises introducing a thermoplastic composition into a mould and heated to form a skin and while still hot a part of the mould surface and the part of the skin removed and a thermoplastic material containing a blowing agent is introduced through the hole in the skin, and the mould is heated to decompose the blowing agent and cause the thermoplastic material to foam and simultaneously weld that part of the skin which was removed.

106792. S. R. Nanavati. A mechanism to produce exhibition successively of at least two flat lay-outs from a single frame. Accepted on 21st August 1967.

At least two equal flat lay-outs from a single rectangular frame of the dimensions of the lay-outs constructed with a number of rectangular panels cut from a sheet of rigid material and mounted one by one in the frame to rotate about their respective central longitudinal axes in parallel alignment in one plane.

106797. Farbenfabriken Bayer Aktiengesellschaft. Tanning process. (25th March 1966). Accepted on 19th August 1967.

Comprises in treating the hides and leathers with, Zr. Al and Cr salts in the ratio of 100 : 5 to 50 : 2 to 30 referred to as  $\text{ZrO}_2$  :  $\text{Al}_2\text{O}_3$  :  $\text{Cr}_2\text{O}_3$ .

106800. Dow Corning Corporation. A process for making organic latices. Accepted on 25th August 1967.

Comprising adding at least one organic monomer having one or more polymerisable unsaturated C-C bond, to a colloidal suspension of a silsesquioxane having the unit general formula :  $\text{RSiO}_3/2$

wherein R— is monovalent hydrocarbon radical.

107156. Union Carbide Corporation. Method of welding thick plate having a narrow groove spacing. Accepted on 22nd August 1967.

*Comprises energizing an arc between the end of a metal electrode and the work by alternately changing the power between two values so as to permit the arc to adjust its length in response to the power change.*

107158. Quenot & Cie Sarl. Improvements in or relating to linear measuring instruments. Accepted on 19th August 1967.

*Characterised in that the movable member is adapted to move substantially perpendicular to the tape between a locking position and an unlocking position.*

107214. Esso Research and Engineering Company. Improvements in or relating to thermal cracking process. Accepted on 25th August 1967.

*In a process for cracking by passing the hydrocarbon mixture with steam through a multiplicity of tubes arranged in parallel in a cracking furnace, the improvement comprises taking a portion of said tubes offstream and passing stream/or water to said tubes for maintaining the temperature and to effect removal of coke accumulated on its interior and thereafter returning the tubes to normal on stream operation.*

107289. Amsted Industries Incorporated. Method of casting. Accepted on 23rd August 1967.

*A method of casting metal articles consists in producing a heat of molten metal, tapping it into a ladle of known weight, volume of metal is determined by weighing the ladle, adjusting the volume of at least one of a plurality of molds so that it is about 85% of the first mentioned volume, pressure pouring the metal in one of the molds until it is filled.*

107308. The Dow Chemical Company. Process for the preparation of vinyl monomers of the catalytic dehydrogenation of hydrocarbons. Accepted on 25th August 1967.

*Characterizes in that an electric current is passed through at least a portion of the self regenerative catalyst so that the catalyst becomes a resistance heating element and provides a part of the heat required to maintain the desired catalyst temperature.*

107324. Chrysler Corporation. Improved air conditioning unit. Accepted on 19th August 1967.

*Comprising a housing having a front wall which is provided with one inlet opening and a cover assembly operatively connected to the front wall.*

107375. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to ferromagnetic screening caps for colour television picture tubes. Accepted on 25th August 1967.

*With each of the ring coils, before following a generating line of the conical part of the cap, extending along the edge of the wide end of the cap parallel to the upper and lower sides of the display screen over a distance which is at least 1/6 and at most 1/3 of the length of the long sides of the display screen.*

107430. Abex Corporation. Method of casting metal and a mold used therefor. Accepted on 21st August 1967.

*Characterized by a thin mold cavity section merging into a thicker section to receive molten metal travelling from thin to thick section getting solidified in reverse, lining by insulating refractory avoiding thick portion, lining enabling the molten metal to solidify.*

107490. Hindustan Housing Factory, Ltd. Improvement in or relating to aerated concretes. Accepted on 25th August 1967.

*Reacting slaked lime with silica in presence of water, the end product being aerated in situ and then providing non-communicating cells therein, the product thus formed being cured in an autoclave.*

107491. J. Prasad. Improvements in or relating to drilling rock bits. Accepted on 25th August 1967.

*Each blade is provided with a plurality of steps.*

107551. Abex Corporation. Dipper teeth, particularly those employed on digging and excavating equipment. Accepted on 22nd August 1967.

*Dipper teeth in excavating equipment comprises an adapter with a nose portion and a replaceable point with bearing surfaces at apertures for engagement with key.*

107560. Mefina S. A. Sewing machine. Accepted on 25th August 1967.

*Comprising a series of control cams, a driving shaft, an oscillating feeler which is being angularly integral with an oscillating slide and a selection device.*

107793. International Harvester Company. Hydraulically controlled transmission having unloader valving. Accepted on 23rd August 1967.

*Hydraulic system with two alternately pressure operable actuator devices for friction drive mechanism for selectively actuated.*

107824. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to cathodes for high current loads. Accepted on 19th August 1967.

*Consisting of a nickel matrix filled with a mass containing barium carbonate, strontium carbonate and if desired, calcium carbonate characterised in that the first layer has applied to it second layer containing nickel powder, to which third layer is applied.*

108020. Conzinc Riotinto of Australia Limited. Reverberatory smelting of copper concentrates. (22nd November 1965). Accepted on 19th August 1967.

*Smelting and converting of copper concentrates in a reverberatory furnace comprising smelting, converting and slag separation zone, feeding concentrate into the smelting zone, jetting oxidising gas into the molten material, causing matte to flow into converting zone, separating matte from slag.*

108050. The Board of the Rubber Research Institute of Malaya. Improvements in or relating to the processing of natural rubber. Accepted on 22nd August 1967.

*Milling a mixture of an incompatible oil and a wet natural rubber in the form of a latex coagulum or solid mass until the mixture crumbles.*

108215. Itek Corporation. Photographic developer system and process of producing visible images therewith. Accepted on 19th August 1967.

*Characterized in that the system includes a nonionic thioether surface active agent.*

108229. The Metal Box Company Limited. Improvements in or relating to sheet metal containers. (21st July 1966). Accepted on 25th August 1967.

*A sheet metal container comprising a body with a side seam wherein the end is overturned wherein curl formed has removed multiple thickness of metal and cap closure is fitted to it at elevated temperature so that some metal flows into the gap.*

108453. Kenmore Foreign Corporation. Wire treating apparatus and process. Accepted on 22nd August 1967.

*Continuously electroplating wire or strip material by forming the same in helix form and supporting the portion of the helix to be treated on a pair of rollers for maintaining stability against swinging movement.*

108495. Phillips Petroleum Company. Improved process for pelleting carbon black. Accepted on 25th August 1967.

*Comprising mixing water and said black to form a moist mass incorporating in the water an effective concentration of an alkali metal silicate, stirring and mixing said mass to form pellets, and drying the pellets by heating to an elevated temperature and incorporating SiO<sub>2</sub> therein.*

108871. Telcalemit (Engineering) Limited. Trailer lubrication system. (17th January 1966). Accepted on 25th August 1967.

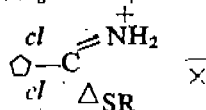
*A vehicle lubrication system comprising a pump and an operating member for pump, the member being operable with movement of the vehicle.*

108920. Union Carbide Corporation. Gas flow control apparatus for welding. Accepted on 21st August 1967.

*Comprising a device for providing a controlled rate of change in gas flow from first flow rate to a second flow rate with the help of regulator means.*

104624. Shell Internationale Research Maatschappij N. V. A herbicidal composition. (1st April 1965). Accepted on 31st July 1967.

*Comprising a compound of general formula*



wherein R represents an alkyl or halo alkyl group, and X represents an alkyl aryl or alkanyl sulphate or sulphonate ion with a carrier and/or a surface active agent.

#### Opposition Proceedings

An opposition has been entered by Pulling & Lifting Machines Private Limited to the grant of a patent on application No. 103572, made by Tractel Tirfor India Private Limited.

#### Patents Sealed

98035, 98452, 98846, 98948, 99054, 99069, 99075, 99088, 99196, 99303, 99452, 99509, 99523, 99585, 99659, 99745, 99865, 99897, 100072, 100187, 100211, 100514, 100596, 100642, 100666, 100705, 100711, 100756, 100805, 100816, 100885, 100960, 101039, 101115, 101449, 101488, 101703, 101745, 101770, 102352, 103231, 104610, 104707, 104851, 104993.

#### Amendment Proceedings

(1)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that Farbwerke Hoechst Aktiengesellschaft Vormals Meister Lucius & Bruning of 45, Bruningstrasse, Frankfurt/Main, Federal Republic of Germany, Chemical Manufacturers, a corporation organized under the laws of the Federal Republic of Germany, seek leave to amend the figures of the drawings in the drawings in respect of patent application No. 100290. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(2)

The amendment proposed by Council of Scientific and Industrial Research in respect of Patent No. 95305 as advertised in the Gazette of India, Part III, Section 2 dated the 15th April 1967 has been allowed.

#### Registration of Assignments, Licences Etc. (Patents).

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests:—

83912. M/s. Asahi Kasei Kogyo Kabushiki Kaisha.

77651 and 83396. M/s. Montecatini Edison S.p.A.

#### Renewal Fees Paid

47721, 47735, 47752, 47950, 47951, 47974, 48141, 48143, 48632, 48633, 48634, 48813, 50141, 50206, 50352, 50433, 50434, 50550, 52585, 52610, 52611, 52612, 52613, 52614, 52717, 52795, 52797, 52829, 52841, 52862, 52944, 53236, 55327, 55441, 55479, 55587, 55777, 55883, 57522, 58048, 58089, 58212, 58274, 58313, 58314, 58315, 58316, 58317, 58318, 58362, 58385, 58387, 58489, 58563, 58644, 58699, 58977, 58998, 58999, 59038, 59087, 60776, 60875, 61505, 61614, 61663, 61692, 61853, 61962, 62089, 62128, 62136, 62368, 64927, 64963, 64983, 64995, 65110, 65122, 65133, 65135, 65136, 65146, 65147, 65148, 65156, 65173, 65210, 65223, 65227, 65284, 65287, 65401, 65431, 65485, 65545, 65603, 65604, 65615, 65812, 66410, 67172, 68884, 68926, 68942, 68955, 69064, 69213, 69214, 69288, 69317, 69332, 69349, 69350, 69416, 69475, 69499, 69517, 69555, 69649, 69677, 69736, 69744, 69745, 69767, 70190, 71110, 72627, 73100, 73109, 73267, 73275, 73286, 73341, 73342, 73357, 73378, 73379, 73413, 73429, 73430, 73432, 73463, 73471, 73483, 73487, 73589, 73833, 73850, 73851, 73926, 73928, 73942, 74194, 74284, 76325, 77700, 78200, 78265, 78316, 78322, 78396, 78417, 78427, 78436, 78482, 78499, 78523, 78560, 78563, 78565, 78629, 78645, 78651, 78732, 78765, 78766, 78773, 78837, 78839, 78879, 78880, 78887, 78910, 78973, 78990, 78994, 79026, 79165, 79179, 79485, 79561, 79575, 79781, 81238, 81773, 82370, 83256, 83495, 83828, 83852, 84006, 84022, 84101, 84107, 84146, 84156, 84172, 84201, 84214, 84218, 84222, 84286, 84287, 84291, 84304, 84333, 84330, 84331, 84344, 84350, 84456, 84479, 74572, 84577, 84595, 84612, 84614, 84648, 84752, 84762, 84885, 85907, 85908, 86938, 87131, 88446, 89617, 89641, 89700, 89709, 89724, 89725, 89736, 89759, 89775, 89793, 89794, 89798, 89804, 89805, 89825, 89830, 89833, 89849, 89864, 89892, 89893, 89922, 89959, 89979, 90005, 90023, 90035, 90077, 90128, 90196, 90198, 90212, 90213, 90271, 90272, 90341, 90350, 90364, 90418, 90419, 90471, 90495, 90508, 90516, 90715, 90716, 90861, 90735, 90862, 90858, 91046, 91056, 91519, 91571, 95115, 95290, 95450, 95481, 95482, 95614, 95659, 95709, 95722, 95817, 96084.

#### Cessation of Patents

69766, 74953, 82117, 82123, 85526.

#### Restoration Proceedings

An order has been made on the 9th August 1967, restoring the patent No. 81796 dated as of the 17th April 1962, granted to Jayantilal Parmananddas Sanghrajka for "improved tiffin carrier".

#### Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.



The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

- Class 1. No. 130373. Janta Motor Works, P.O. Khatauli, District Muzaffarnagar, U.P. a firm registered under the Indian Partnership Act, 1932, "Belt pulley", February 16, 1967.
- Class 1. No. 130260. Mrs. Kamalabai Narayan Rashinkar, 498, Shanwar Peth, Date Wada, Mehunpura, Poona-2, Maharashtra State Nationality—an Indian Subject, "Bicycle lamp holder", February 3, 1967.
- Class 1. No. 131086. Harish Chandra Bhargava, 865-Mandi Ramdas, Mathura (U.P.) India, Indian, "A cultivator-cum-plough", June 17, 1967.
- Class 3. No. 130644. Dilip Shanta Ram Dahanukar, An Indian Citizen, Industrial Assurance Bldg., Churchgate, Bombay-1, Maharashtra, India, "A safety razor", March 28, 1967.
- Class 8. No. 130741. Automotive Products Co., 458 Babri Gani, Agra Cantt (U.P.) India; an Indian Partnership Concern, "Rubber matting", April 25, 1967.
- Class 12. No. 130705. Usha Chemical Industries, an Indian Sole Proprietary concern, 36, Laipat Nagar, Varanasi, Uttar Pradesh, "Soap bar", April 17, 1967.
- Class 13. No. 130899. Purshotam Dass Kumar, Indian National, Chairman of Sudarshan Sewa Trust, Kashinir Road, Amritsar (Punjab), "Knitted fabrics (Textile piecegoods)", May 20, 1967.
- Class 13. Nos. 131269 to 131284. The Khatau Makanji Spg. & Wvg. Co., Ltd., Laxmi Building: 6, Ballard Road, Bombay-1, Indian Company, "Textile piecegoods", July 3, 1967.

Class 13. Nos. 131292 and 131293. The Delhi Cloth & General Mills Company Limited, Indian Company, Post Box No. 1039, Bara Hindu Rao, Delhi-6, Delhi, "Textile piecegoods", July 6, 1967.

Class 13. Nos. 131299 to 131304. Sovrin Knit Works, Fatehgarh Road, Amritsar (Punjab), a registered firm of Indian Nationality, "Textile goods", July 10, 1967.

Class 13. Nos. 131339 to 131341. The Standard Mills Company Limited, Mafatala House, Backbay Reclamation, Bombay-1, Indian, "Textile goods", July 10, 1967.

Class 13. No. 131446. The Victoria Mills Limited, an Indian Company, Delisle Road, Parel, Bombay-13, "Textile piecegoods", July 17, 1967.

Class 13. Nos. 131451 and 131454. The Crown Spg. & Mfg. Co., Ltd., Gokhale Road, (South) Parel, Bombay-13, Maharashtra, Nationality—Indian Company, "Textile goods", July 17, 1967.

Class 13. Nos. 131464 to 131466. The National Leather Cloth Mfg. Co., Partnership Concern, 25, Parekh Street, "Ramkrupa Building", 2nd Floor, Bombay-4, "P. V. C. Leather Textile Goods", July 18, 1967.

Class 13. Nos. 131480. The Victoria Mills Limited, an Indian Company, Delisle Road, Parel, Bombay-13, "Textile piecegoods", July 22, 1967.

Class 13. No. 131344. The Victoria Mills Limited, an Indian Company, Delisle Road, Parel, Bombay-13, "Textile piecegoods", July 11, 1967.

Class 14. Nos. 131342 and 131343. The Victoria Mills Limited, An Indian Company, Delisle Road, Parel, Bombay-13, "Textile piecegoods", July 11, 1967.

A. JOGARAO  
Controller General of Patents,  
Designs and Trade Marks.

